TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (under 37 CFR 1.97(b) or 1.97(c))	Docket No. RDID00105US

FEB 19 2002

In Re Application Of: SOBEK, Harald, et al.

Serial No.	Filing Date	Examiner	Group Art Unit
09/960,428	September 21, 2001	To Be Assigned	1653

Title: METHOD FOR PRODUCING AN ACTIVE HETERODIMERIC AMV-RT IN PROKARYOTIC CELLS

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

☐ A check in the amount of _____ is attached.

☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **02-2958** as described below. A duplicate copy of this sheet is enclosed.

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Dated: 2/11/02

Signature

Kenneth J. Waite, Reg. No. 45,189
Roche Diagnostics Corporation
9115 Hague Road, Bldg D
P.O. Box 50457
Indianapolis, IN 46250-0457
Telephone: (317) 521-3104
Facsimile: (317) 521-2883

Mailed Via Express Mail No EL 841987611 US on February 19, 2002

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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ATTY DOCKET NO.	SERIAL NO.
RDID00105[redacted]S	09/960,428
SOBEK, Harold et al.	
FILING	GROUP
September 21, 2001	1653

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	1	EP0743365A2	11/96	Europe	C12N	15/67		
	2	EP0774512A2	05/97	Europe	C12N	15/31		
	3	EP0885967A2	12/98	Europe	C12N	15/70		
	4	WO98/07869	02/98	PCT	C12N	15/52		
	5	WO00/42199	07/00	PCT	C12N	15/54		

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		6	AIYAR, Ashok, et al., "Interaction between Retroviral U5 RNA and the TuC Loop of the tRNA trp Primer is Required for Efficient Initiation of Reverse Transcription", Journal of Virology, Apr. 1992, p.2464-2472, Vol. 66, No. 4
		7	BALTIMORE, David, et al., "Viral RNA-Dependent DNA Polymerase" Nature Vol. 226, June 27, 1970 (pgs1209-1211)

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Docket Number (Optional)	Application Number
RDID0010[illegible]	09/960,428
Applicant(s)	
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*EXAMINER INITIAL		OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*
	8	BAUDA, Marcel A., et al., "Anatomy of an Integrated Avian Myeloblastosis Provirus: Structure and Function", Invited Review, Correspondence: E. Premkumar Reddy, Received 26 July, 1994; accepted in CRC form 28 July 1994, (14pgs)
	9	BRINKMANN, Ulrich, et al., "High-Level Expression of Recombinant Genes in Escherichia Coli is Dependent on the Availability of the dnaY Gene Product", Gene, 85 (1989) 109-114, Elsevier, GENE 03325
	10	BUJARD, Hermann, et al., "A T5 Promoter-Based Transcription-Translation System for the Analysis of Proteins in Vitro and in Vivo", Methods in Enzymology, Vol. 155, (pgs 416-433)
	11	BUKAU, Bernd, et al., "The Hsp70 and Hsp60 Chaperone Machines", Cell., Vol. 92, 351-366, February 6, 1998
	12	Deuerling, Elke et al., "Trigger Factor and DnaK Cooperate in Folding of Newly Synthesized Proteins", Nature, Vol. 400, 12 August 1999, (pgs 693-696)
	13	Diamant, Sophia, et al., "Temperature-Controlled Activity of DnaK-DnaJ-GrpE Chaperones: Protein-Folding Arrest and Recovery During and After Heat Shock Depends on the Substrate Protein and the GrpE Concentration" , Biochemistry 1998, 37, pgs 9688-9694
	14	Garcia, George M., et al., "The E. Coli dnaY Gene Encodes an Arginine Transfer RNA", Cell, Vol. 45, 453-459, May 9, 1986
	15	Golomb, Miriam, et al., "Endonuclease Activity of Purified RNA-Directed DNA Polymerase from Avian Myeloblastosis Virus", The Journal of Biological Chemistry, Vol. 254, No. 5, Issue of March 10, pp. 1606-1613, 1979
	16	Goloubinoff, Pierre, et al., "Sequential Mechanism of Solubilization and Refolding of Stable Protein Aggregates by a Bichaperone Network" 13732-13737, PNAS, November 23, 1999, Vol. 96, No. 24
	17	Grice, Stuart F.J. Le, et al., "Human Immunodeficiency Virus Reverse Transcriptase", HIV Reverse Transcriptase, (15pgs)
	18	Hanahan, Douglas, et al, "Studies on Transformation of Escherichia Coli with Plasmids", J. Mol. Biol. (1983) 166, pgs 557-580
	19	Hartl, F. Ulrich, et al., "Molecular Chaperones in Cellular Protein Folding", Nature, Vol. 381, 13 June 1996, pgs 571-580

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*EXAMINER INITIAL	OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*
	Kedzierska, S., "The Role of DnaK/DnaJ and GroEL/GroES Systems in the Removal of Endogenous Proteins Aggregated by Heat-Shock from Escherichia Coli Cells", FEBS Letters 446(1999) 331-337
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	Laemmli, U.K., "Cleavage of Structural Proteins During the Assembly of the Head of Bacteriophage T4", Nature Vol. 227, August 15, 1970, pgs 680-685
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	Leis, Jonathan, et al., "Regulation of Initiation of Reverse Transcription of Retroviruses", Reverse Transcriptase, Department of Biochemistry, Case Western Reserve University School of Medicine, Cleveland, Ohio 44106, pgs33-47
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	Pierpaoli, Ezra, et al., "Control of the DnaK Chaperone Cycle by Substoichimetric Concentrations of the Co-Chaperones DnaJ and GrpE", Vol. 273, No. 12, Issue of March 20, pp. 6643-6649, 1998
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	Prasad, Vinayaka R., et al., "Genetic Analysis of Retroviral Reverse Transcriptase Structure and Function", Reverse Transcriptase, Copyright 1993 Cold Spring Harbor Laboratory Press, Department of Microbiology and Immunology, pgs 135-163
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	Temin, Howard M., "RNA-Dependent DNA Polymerase in Virions of Rous Sarcoma Virus", Nature Vol. 226, June 27, 1970, pgs 1211-1213
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	Weiss, Robin, et al., " RNA Tumor Viruses", Molecular Bilogy of Tumor Viruses Second Edition, Cold Spring Harbor Laboratory 1984, 24 pgs
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	Zolkiewski, Michal, et al., "ClpB Cooperates with DnaK, DnaJ, and GrpE in Suppressing Protein Aggregation", A Novel Multi-Chaperone System from Escherichia Coli", The Journal of Biological Chemistry, Vol. 274, No. 40, Issue of October 1, pp. 28083-28086, 1999
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